

FIG. 2 is a schematic diagram of a projection system 200. The projection system 200 includes a lamp 210, a filter 220, dichroic mirrors 215, condensers 230, arrays 240, projection lenses 250, and a screen 260. The lamp 210 emits light that passes through the filter 220 and is reflected by the dichroic mirrors 215. The light then passes through the condensers 230 and the arrays 240, which direct the light through the projection lenses 250 onto the screen 260.

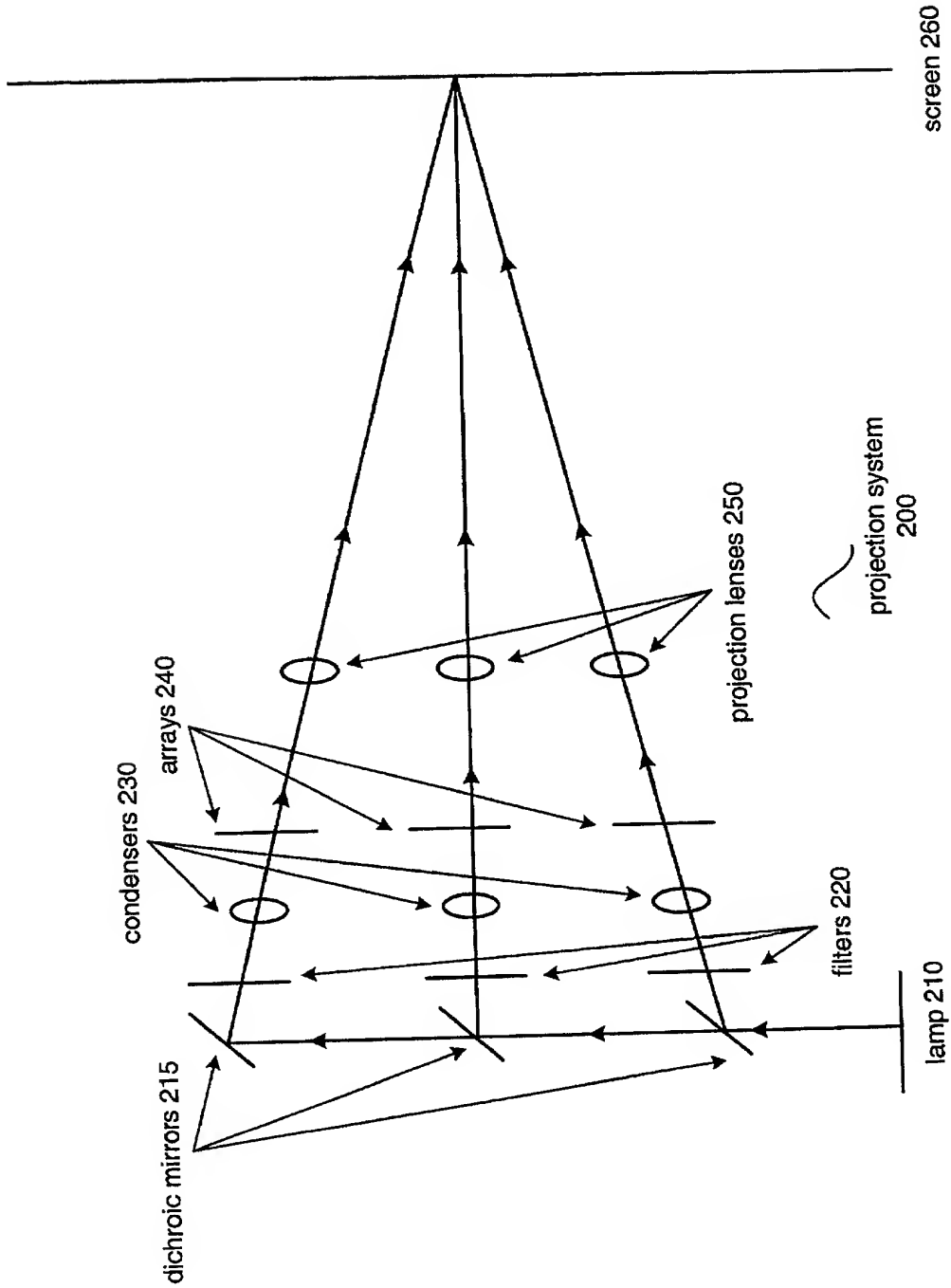


FIG. 2

FIG. 3 is a schematic diagram of a filter mosaic 300. The filter mosaic 300 is a 6x6 grid of color filter elements. The elements are arranged in a repeating pattern of red (R), green (G), and blue (B) subpixels. The pattern is as follows:

R	B	G	R	B	G
G	R	B	G	R	B
B	G	R	B	G	R
R	B	G	R	B	G
G	R	B	G	R	B
B	G	R	B	G	R

filter mosaic 300

FIG. 3

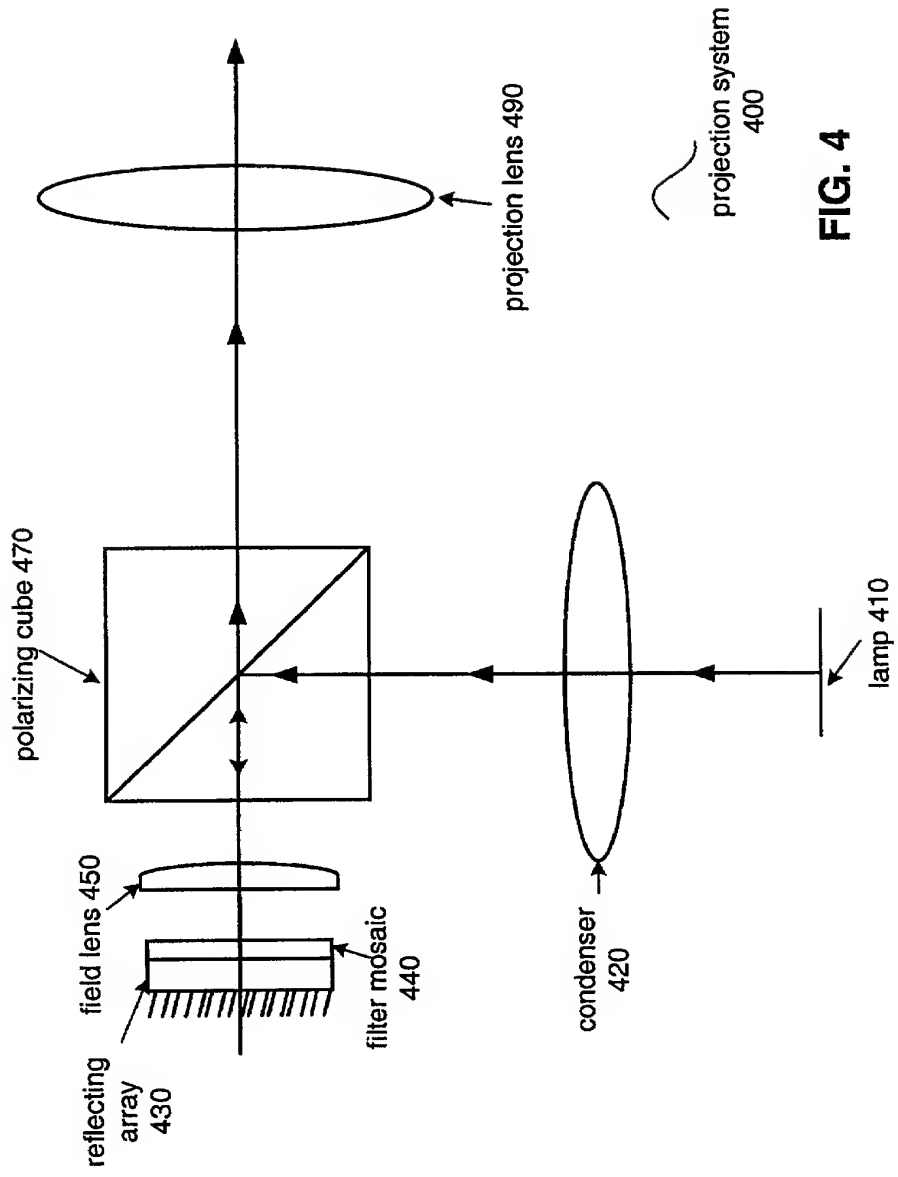
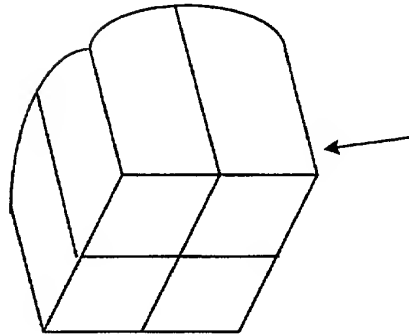
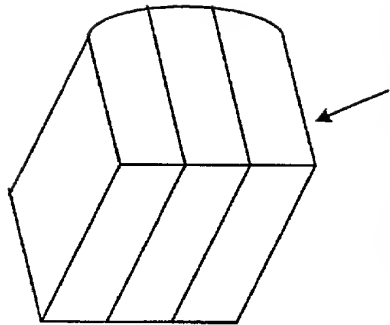


FIG. 4



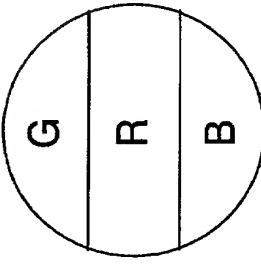
Spherical Lenticules 610

FIG. 6(a)



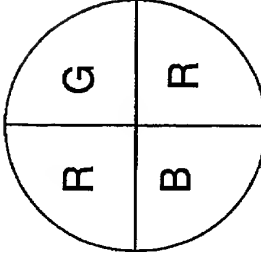
Cylindrical Lenticules 620

FIG. 6(b)



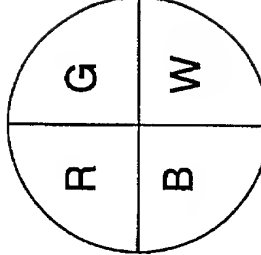
RGB filter 710

FIG. 7(a)



RGB filter 720

FIG. 7(b)



RGBW filter 730

FIG. 7(c)

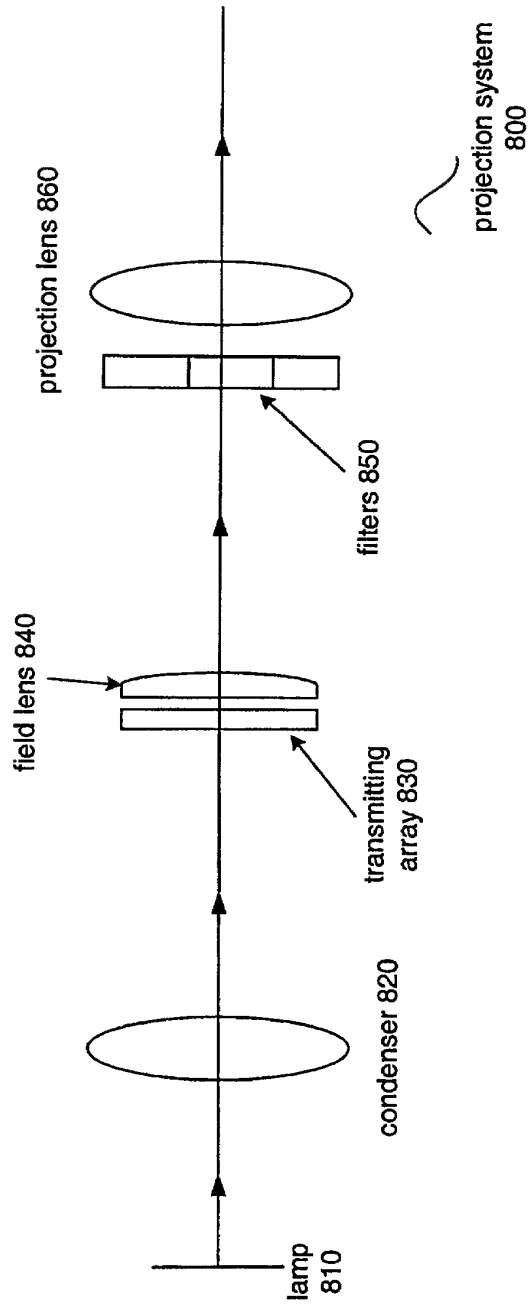


FIG. 8

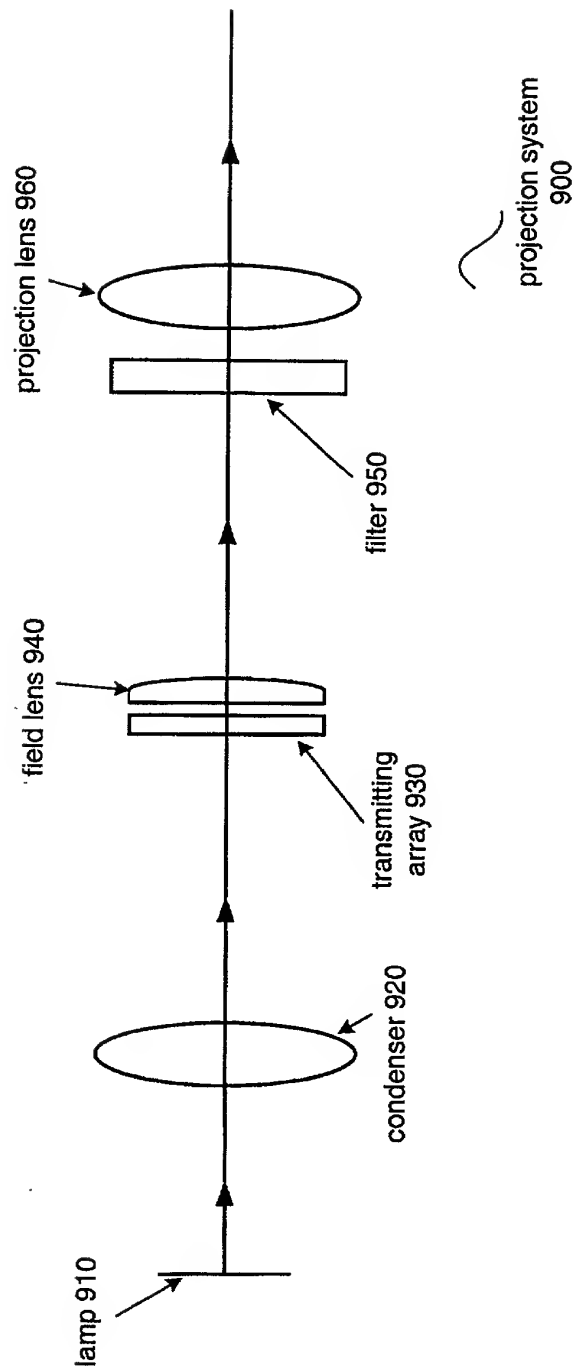


FIG. 9

FIG. 10 is a schematic diagram of a projection system 1000. The projection system 1000 includes a lamp 1010, a condenser 1020, a field lens 1050, a polarizing cube 1060, a lenticular reflecting chrominance array 1030, a transmitting luminance array 1040, filters 1070, and a projection lens 1090. The lamp 1010 is positioned at the bottom right, and the projection lens 1090 is positioned at the top left. The light path is indicated by arrows, showing the flow from the lamp 1010 through the condenser 1020, field lens 1050, polarizing cube 1060, and filters 1070 to the projection lens 1090. The lenticular reflecting chrominance array 1030 and transmitting luminance array 1040 are positioned to the left of the polarizing cube 1060, with the light path reflecting off the arrays and passing through the polarizing cube 1060.

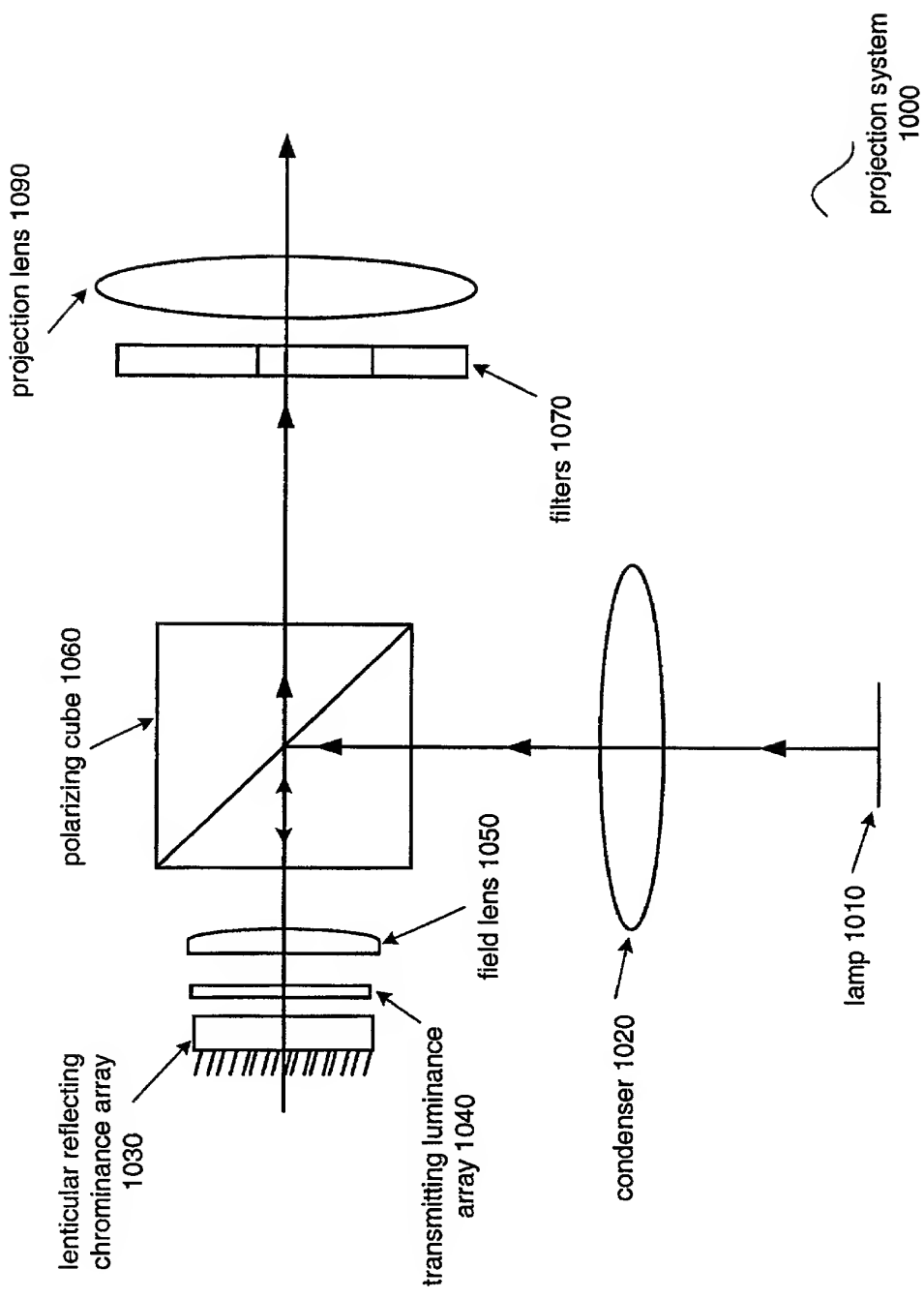


FIG. 10

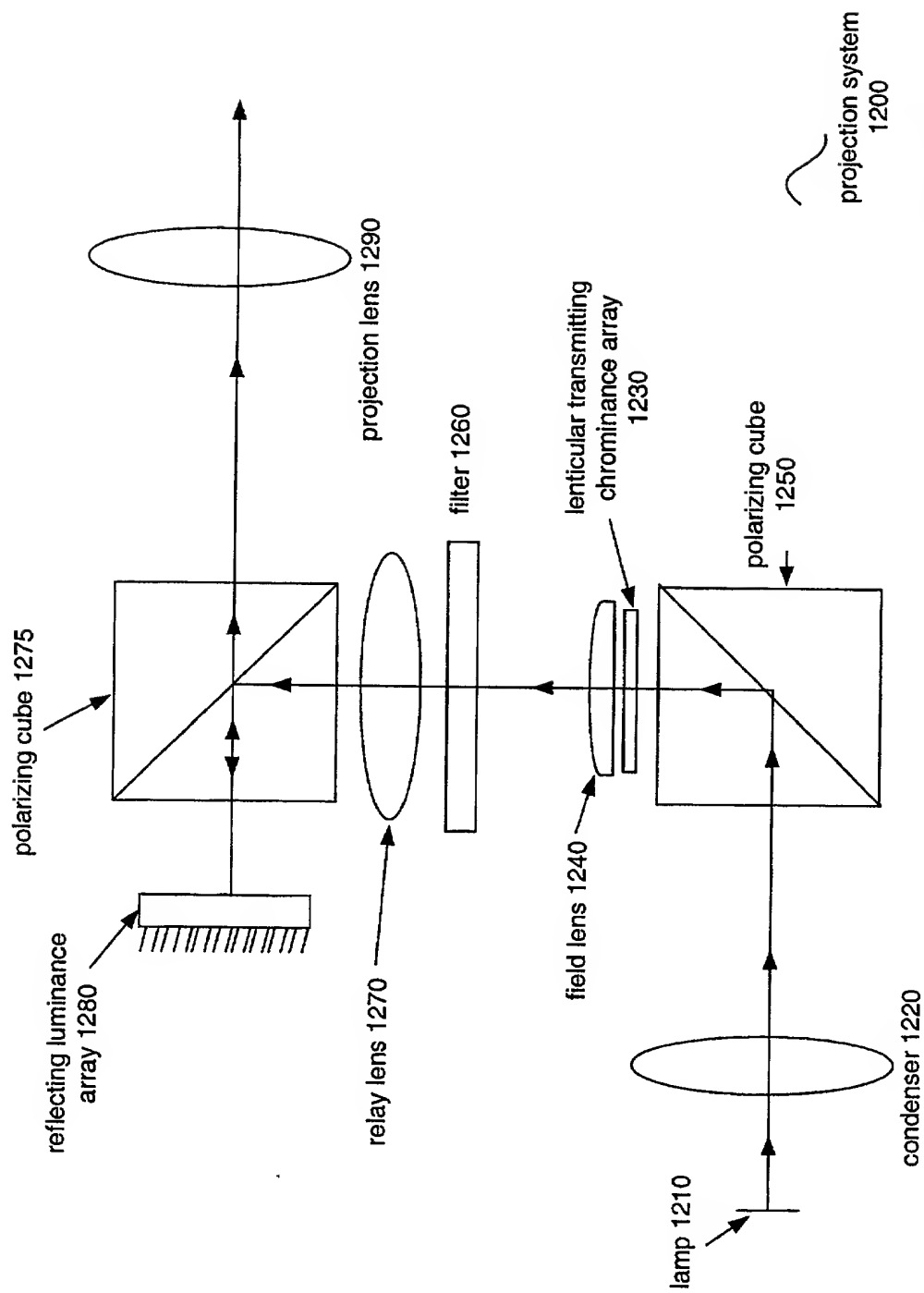


FIG. 12